

# STORMBOOST 300

## **Mains Boosting Pump**

**STORMBOOST 300** is designed to be connected directly to the incoming cold water mains and activate automatically when a tap is opened or a shower is switched on, boosting mains water pressure and flow throughout the property.

It will deliver up to 27 litres/min flow at up to 3.2 bar pressure for up to 11 minutes after which time it will deliver up to 12 litres/minute continuously until demand ends and the pressure vessel recharges.

Suitable for properties with one or two bathrooms and designed to fit neatly within a standard 600mm kitchen larder unit.











#### **Features**

- 3 year warranty
- ▶ Boosts mains water pressure up to 3.2 bar
- Output flow rate up to 27 litres/minute
- ▶ 300 litre nominal capacity pressure vessel
- Switches on/off automatically
- Quiet operation
- High quality, robust brass pump body and impeller
- High reliability induction motor
- Integral bypass
- Anti-seize exercise function
- Dry run protection
- Anti-vibration connection hoses included
- WRAS Approved Product

### **Applications**

- Boosting mains water pressure to one bathroom properties fitted with a combiboiler
- STORMBOOST 300 fits neatly within a standard 600mm wide kitchen larder unit

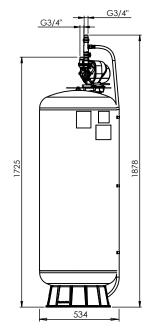
### **Performance**

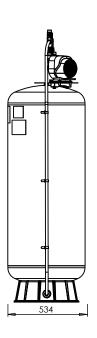
	Typical Run Time in Minutes				
Model	Up to 12 I/min	Up to 16 I/min	Up to 18 I/min	Up to 22 I/min	Up to 27 I/min
STORMBOOST 300	Continuous	41	28	16	11



		STORMBOOST 300 47718		
GENERAL	Warranty	3 years (upon registration with proof of purchase)		
	WRAS	WRAS Approved Product		
	Conformity certification	UKCA   CE		
TECHNICAL FEATURES	Pump type	Peripheral		
	Anti-vibration flexible hoses	•		
	Pressure vessel nominal size	300 litres		
	Pressure vessel usable capacity	165 litres		
	Upstream line-in kit	15 mm		
	Mounting	Floor		
	Dry run protection			
PERFORMANCE	Maximum head - closed valve	3.2 bar (32 metres)		
	Maximum flow	27 litres/min		
	Maximum working pressure*	450 kPa (4.5 bar)		
	Maximum ambient air temperature	40 °C		
	Min / Max water temperature	Min 4 °C / Max 35 °C		
	Flow switch sensitivity	0.6 litres/min (approx)		
CONSTRUCTION	Enclosure protection	IPX4		
	Pressure vessel / membrane	Epoxy coated steel / butyl rubber		
	Pump head / impeller	Brass		
	Pump head mechanical seal	EPDM / PTFE / Al. Oxide		
CONNECTIONS	Pump connections	G ¾ M		
	Anti-vibration hoses	G ¾ F x 15 mm push-fit x 200 mm long		
MOTOR	Туре	Induction (auto-reset thermal trip)		
	Duty rating	Continuous (S1)		
ELECTRICAL	Power supply (Vac/Ph/Hz)	165-265 V a.c. / 1 / 50-60 Hz		
	Power consumption (P1)	340 Watts		
	Current (full load)	1.5 Amps		
	Fuse rating	5 Amps		
	Power cable length	1.5 metres		
DIMENSIONS	Height - excluding hoses	1878 mm		
	Width	534 mm		
	Depth	534 mm		
WEIGHT	Weight – including fittings	57.1 kg		
	Weight - filled	222.1 kg		
	Weight – maximum	357.1 kg		

<sup>\*</sup>The maximum pressure that can be applied to the pump under any installation conditions.





Stuart Turner Limited reserves the right to amend specifications without notice.